

**CLEAN VERSION OF ABSTRACT****FULL ADDITIVE PROCESS WITH FILLED PLATED THROUGH HOLES****ABSTRACT**

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The present invention provides a printed circuit board and a method for the production of a printed circuit board having fine-line circuitry and greater aspect ratio on a subcomposite with plated through holes. A method provides for additive plating on a subcomposite having filled plated through holes. Fine-line circuitry is achieved via electroless deposition onto a dielectric substrate after the through hole is plated and filled. Fine-line circuitry may be routed over landless, plated through holes thereby increasing the aspect ratio and the available surface area for additional components and wiring.